

**Abstract**

[0042] The present invention is a color wheel and a projector apparatus using the same. The projector apparatus includes a lamp, a color wheel, and a driving device. The lamp generates a beam directing into the color wheel. The driving device drives the color wheel to rotate, to radially move, or to axially move. The color wheel includes a plurality of filter devices. At least one filter device includes a first filter and a white filter connected to the first filter. A boundary arc is defined at the connection of the first filter and the white filter. The ratio of the area of the first filter to the area of the white filter for each filter device is predetermined, and the ratios among the filter devices are selectively the same